

## STRADELLA-8-HV-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks. Variant with improved creepage distance for high voltage circuit designs.

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 49.5 x 49.5 mm |
| Height         | 5.5 mm         |
| Fastening      | pin, screw     |
| ROHS compliant | yes ⓘ          |

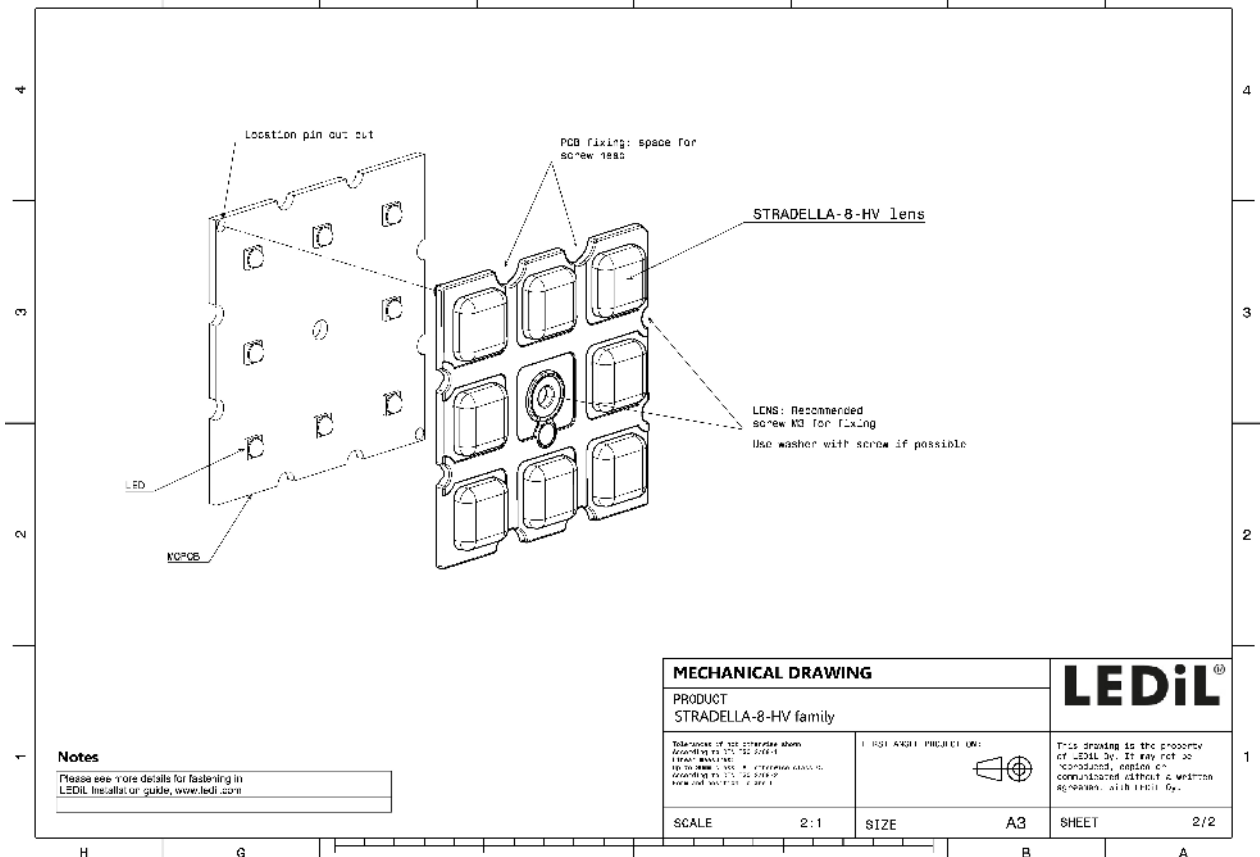
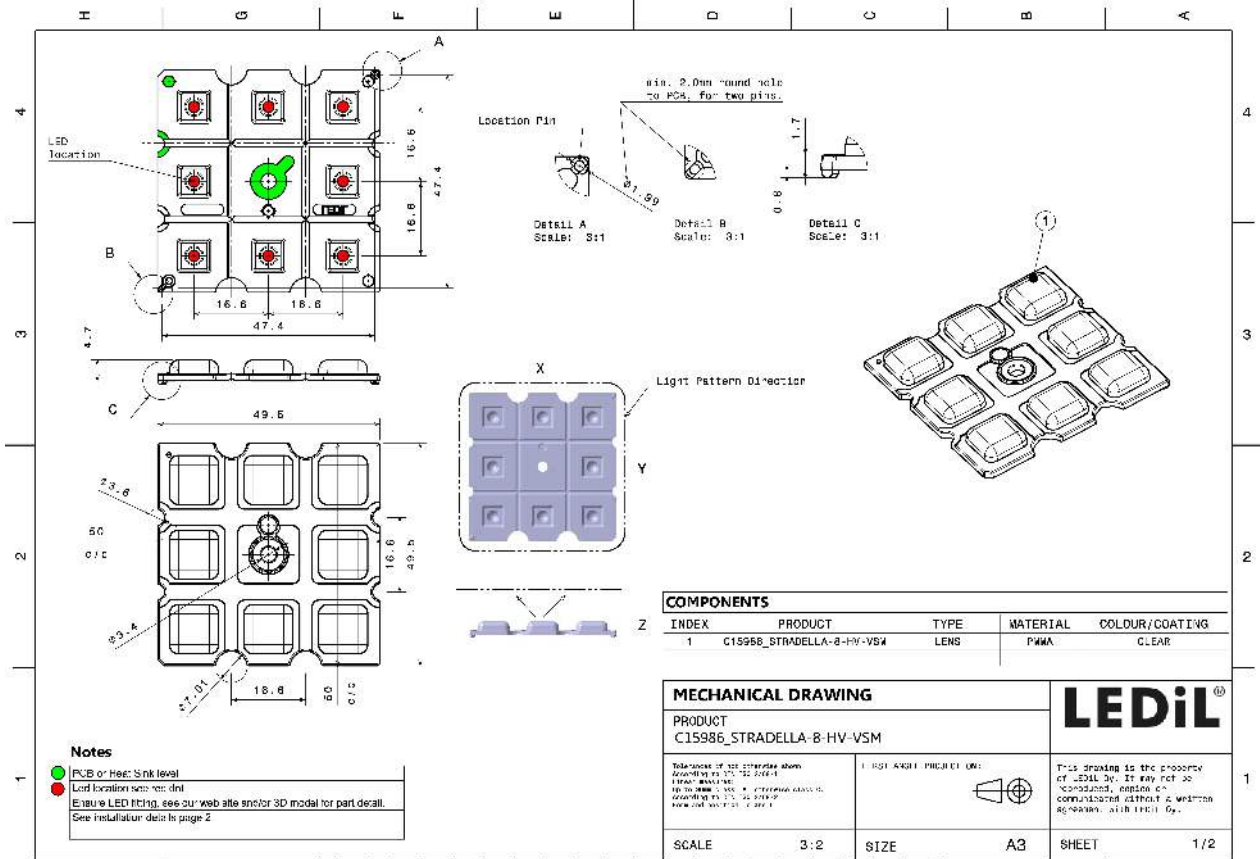


### MATERIALS:

| Component          | Type       | Material | Colour | Finish |
|--------------------|------------|----------|--------|--------|
| STRADELLA-8-HV-VSM | Multi-lens | PMMA     | clear  |        |

### ORDERING INFORMATION:

| Component   | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C15986_STRADELLA-8-HV-VSM<br>» Box size: 480 x 280 x 300 mm | 800        | 160 | 160 | 5.3             |

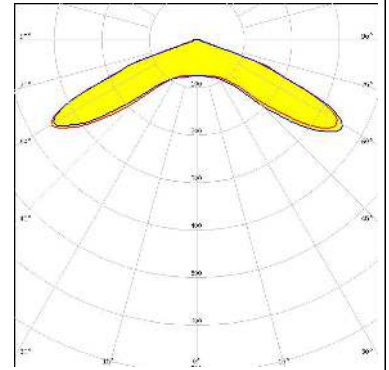


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

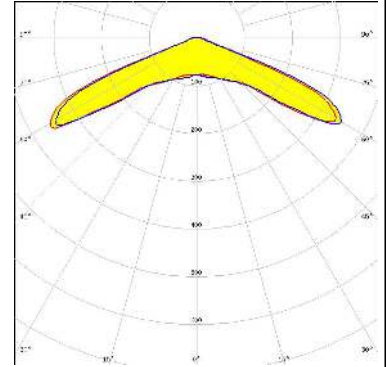
##### CREE LED

LED J Series 3030  
 FWHM / FWTM 136.0° / 144.0°  
 Efficiency 98 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

LED XD16  
 FWHM / FWTM 136.0° / 144.0°  
 Efficiency 0 %  
 Peak intensity 94 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

LED XT-E  
 FWHM / FWTM 147.0° / 165.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

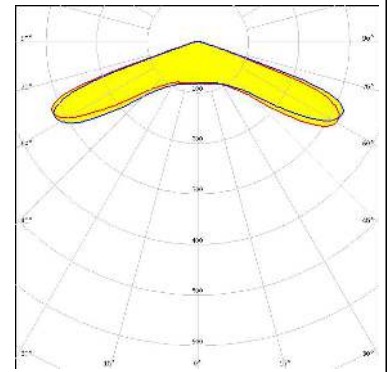
##### LUMILEDS

LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 137.0° / 143.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (MEASURED):

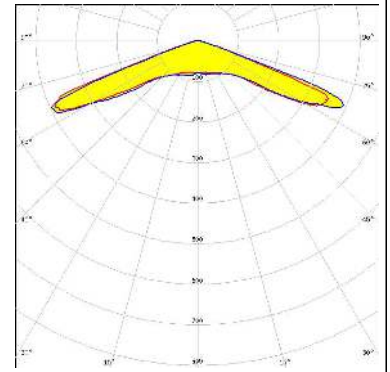
##### LUMILEDS

LED LUXEON V2  
FWHM / FWTM Asymmetric  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



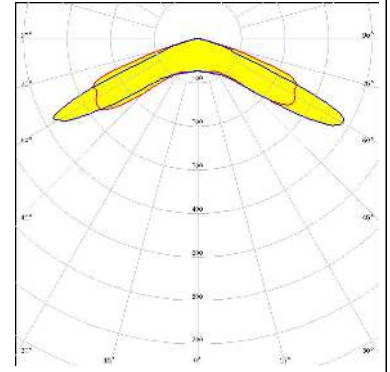
##### LUMINUS

LED SST-10-B130  
FWHM / FWTM 139.0° / 150.0°  
Efficiency 97 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour Deep Red  
Required components:



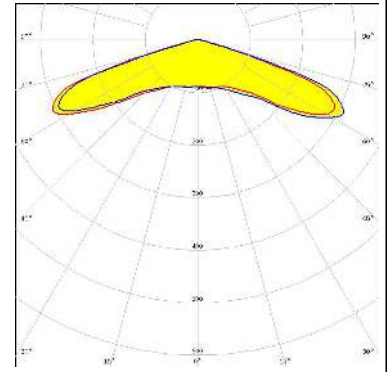
##### NICHIA

LED NF2W585AR  
FWHM / FWTM 140.0° / 156.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NVSW219D  
FWHM / FWTM 145.0° / 154.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

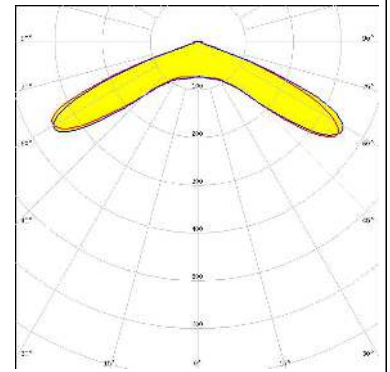


#### OPTICAL RESULTS (MEASURED):

#### OSRAM

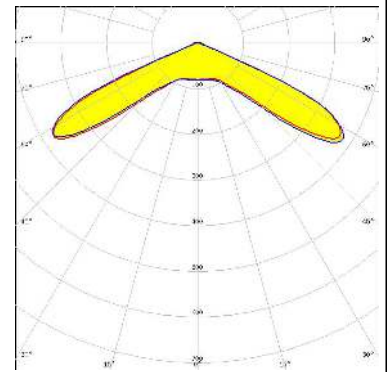
Opto Semiconductors

LED OSCONIQ S 3030 (QSLR31)  
 FWHM / FWTM 136.0° / 143.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



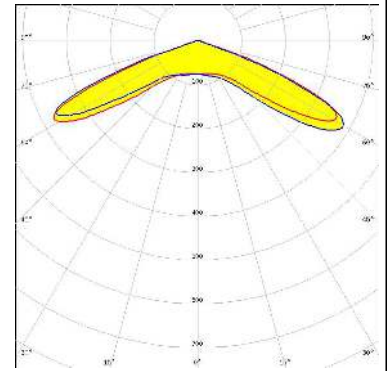
#### PHILIPS

LED Fortimo FastFlex LED 4x8up PR G5  
 FWHM / FWTM 132.0° / 137.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



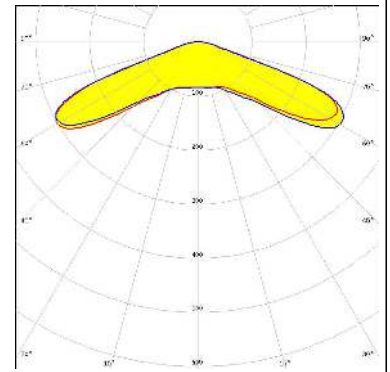
#### SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SEOUL SEMICONDUCTOR

LED Z5M3  
 FWHM / FWTM 141.0° / 159.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



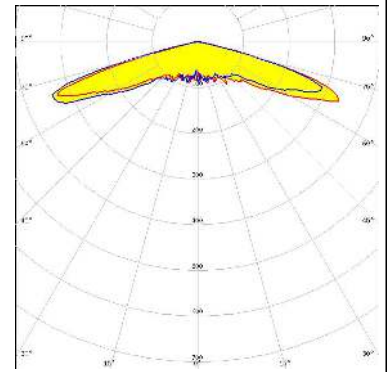
#### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):

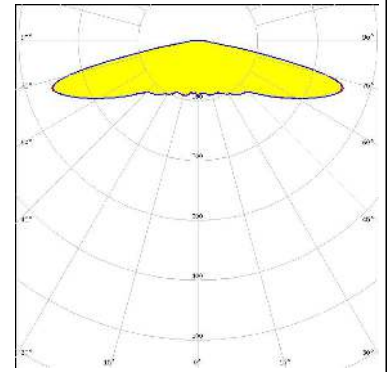
##### CREE LED

LED XP-G2  
FWHM / FWTM 148.0° / 156.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



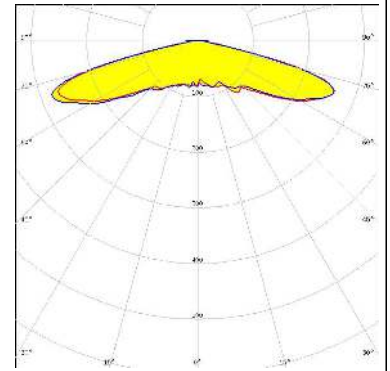
##### CREE LED

LED XP-G2 HE  
FWHM / FWTM 156.0° / 166.0°  
Efficiency 93 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### CREE LED

LED XP-G3  
FWHM / FWTM 152.0° / 162.0°  
Efficiency 94 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



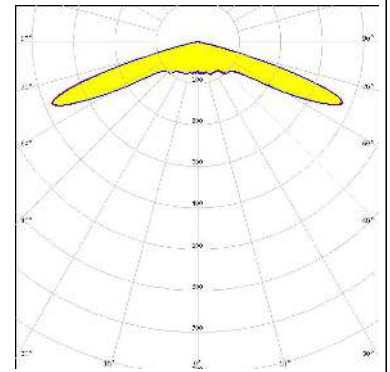
##### LUMILEDS

LED LUXEON 3535 2D  
FWHM / FWTM 143.0° / 155.0°  
Efficiency 94 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OPTICAL RESULTS (SIMULATED):

##### LUMILEDS

LED LUXEON CZ  
FWHM / FWTM 146.0° / 154.0°  
Efficiency 96 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

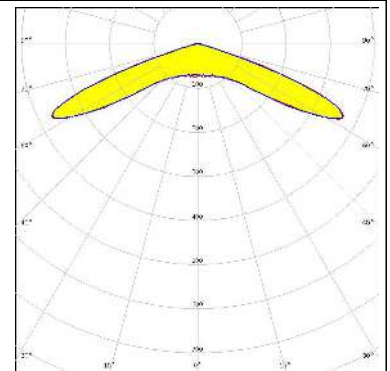
LED LUXEON FlipChip White 10  
FWHM / FWTM 136.0° / 149.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### NICHIA

LED NF2x757D  
FWHM / FWTM 140.0° / 146.0°  
Efficiency 94 %  
Peak intensity 0.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### OSRAM Opto Semiconductors

LED OSCONIQ C 2424  
FWHM / FWTM 140.0° / 148.0°  
Efficiency 96 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



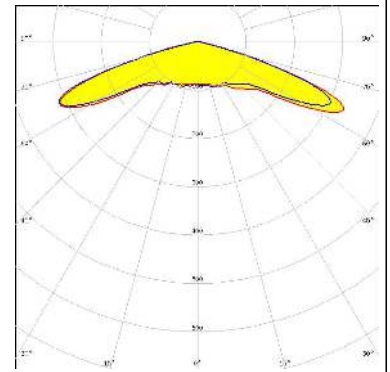


#### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

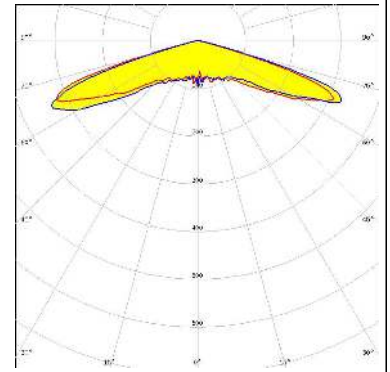
LED OSCONIQ P 3030  
 FWHM / FWTM 146.0° / 157.0°  
 Efficiency 96 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

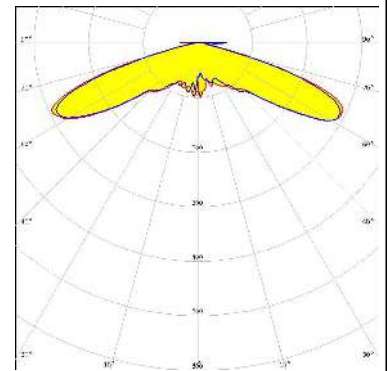
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3  
 FWHM / FWTM 144.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



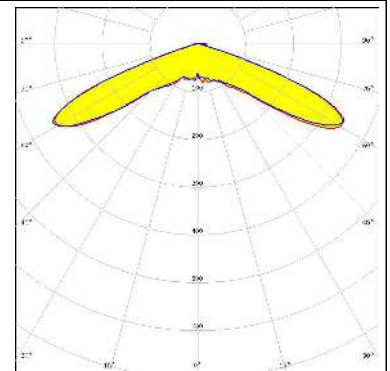
#### SAMSUNG

LED LH181A  
 FWHM / FWTM 150.0° / 160.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH181B  
 FWHM / FWTM 140.0° / 146.0°  
 Efficiency 94 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

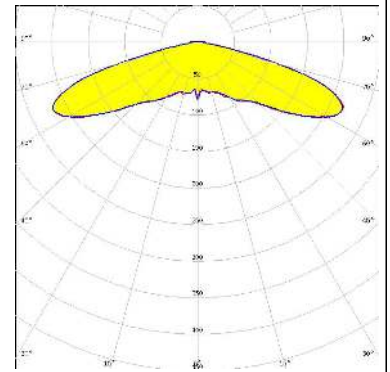


#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

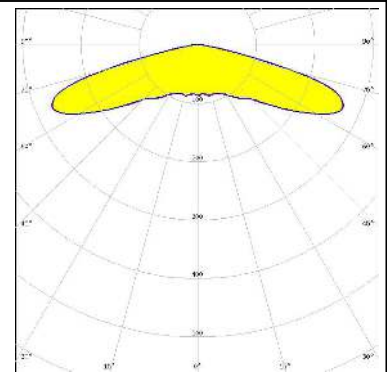
LED LH351C  
 FWHM / FWTM 150.0° / 160.0°  
 Efficiency 77 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

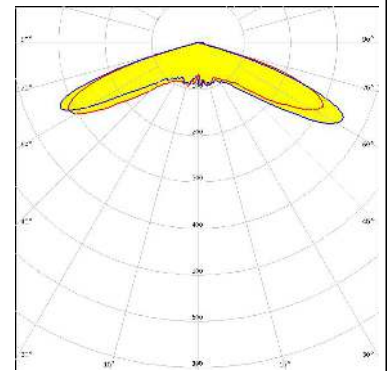


### SAMSUNG

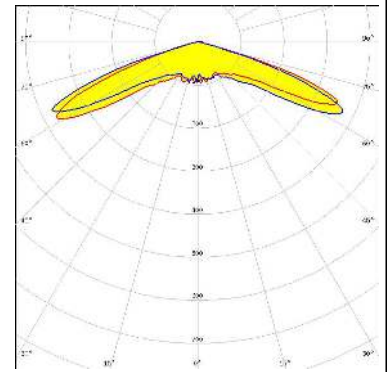
LED LH351C  
 FWHM / FWTM 152.0° / 162.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL 3030  
 FWHM / FWTM Asymmetric  
 Efficiency 99 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR  
 LED SEOUL 3030  
 FWHM / FWTM Asymmetric  
 Efficiency 99 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### MATERIALS:

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